



Report No.: SEWM2311000473RG01  
Rev.: 01  
Page: 1 of 86

# Appendix B.3

## LTE Band 5



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Report No.: SEWM2311000473RG01

Rev.: 01

Page: 2 of 86

## Effective (Isotropic) Radiated Power Output Data

### Test ResultAnt7

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | ERP(dBm) | Limit(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|----------|------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 23.24       | 10.41    | 38.45      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 23.08       | 10.25    | 38.45      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 23.13       | 10.3     | 38.45      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 22.28       | 9.45     | 38.45      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 23.33       | 10.5     | 38.45      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2            | 23.26       | 10.43    | 38.45      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5            | 23.15       | 10.32    | 38.45      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 22.29       | 9.46     | 38.45      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 23.31       | 10.48    | 38.45      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#2            | 23.2        | 10.37    | 38.45      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | 23.2        | 10.37    | 38.45      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 22.29       | 9.46     | 38.45      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 22.33       | 9.5      | 38.45      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#2            | 22.35       | 9.52     | 38.45      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | 22.37       | 9.54     | 38.45      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 21.11       | 8.28     | 38.45      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 22.37       | 9.54     | 38.45      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#2            | 22.41       | 9.58     | 38.45      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#5            | 22.34       | 9.51     | 38.45      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 21.15       | 8.32     | 38.45      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 22.37       | 9.54     | 38.45      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#2            | 22.4        | 9.57     | 38.45      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5            | 22.22       | 9.39     | 38.45      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 21.16       | 8.33     | 38.45      | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#0            | 21.45       | 8.62     | 38.45      | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#2            | 21.33       | 8.5      | 38.45      | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 1RB#5            | 21.36       | 8.53     | 38.45      | PASS    |



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Report No.: SEWM2311000473RG01

Rev.: 01

Page: 3 of 86

|       |        |        |       |        |       |       |       |      |
|-------|--------|--------|-------|--------|-------|-------|-------|------|
| Band5 | 1.4MHz | 64QAM  | 20407 | 6RB#0  | 20.32 | 7.49  | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM  | 20525 | 1RB#0  | 21.35 | 8.52  | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM  | 20525 | 1RB#2  | 21.28 | 8.45  | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM  | 20525 | 1RB#5  | 21.4  | 8.57  | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM  | 20525 | 6RB#0  | 20.17 | 7.34  | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM  | 20643 | 1RB#0  | 21.28 | 8.45  | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM  | 20643 | 1RB#2  | 21.19 | 8.36  | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM  | 20643 | 1RB#5  | 21.22 | 8.39  | 38.45 | PASS |
| Band5 | 1.4MHz | 64QAM  | 20643 | 6RB#0  | 20.25 | 7.42  | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20407 | 1RB#0  | 18.22 | 5.39  | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20407 | 1RB#2  | 18.4  | 5.57  | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20407 | 1RB#5  | 18.17 | 5.34  | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20407 | 6RB#0  | 18.19 | 5.36  | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20525 | 1RB#0  | 18.09 | 5.26  | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20525 | 1RB#2  | 18.27 | 5.44  | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20525 | 1RB#5  | 18.17 | 5.34  | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20525 | 6RB#0  | 18.04 | 5.21  | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20643 | 1RB#0  | 18.23 | 5.4   | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20643 | 1RB#2  | 18.19 | 5.36  | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20643 | 1RB#5  | 18.33 | 5.5   | 38.45 | PASS |
| Band5 | 1.4MHz | 256QAM | 20643 | 6RB#0  | 18.1  | 5.27  | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20415 | 1RB#0  | 23.08 | 10.25 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20415 | 1RB#8  | 23.13 | 10.3  | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20415 | 1RB#14 | 23.23 | 10.4  | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20415 | 15RB#0 | 22.21 | 9.38  | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20525 | 1RB#0  | 23.27 | 10.44 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20525 | 1RB#8  | 23.06 | 10.23 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20525 | 1RB#14 | 23.19 | 10.36 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20525 | 15RB#0 | 22.14 | 9.31  | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20635 | 1RB#0  | 23.35 | 10.52 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20635 | 1RB#8  | 23.07 | 10.24 | 38.45 | PASS |
| Band5 | 3MHz   | QPSK   | 20635 | 1RB#14 | 23.1  | 10.27 | 38.45 | PASS |



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Report No.: SEWM2311000473RG01

Rev.: 01

Page: 4 of 86

|       |      |        |       |        |       |      |       |      |
|-------|------|--------|-------|--------|-------|------|-------|------|
| Band5 | 3MHz | QPSK   | 20635 | 15RB#0 | 22.17 | 9.34 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM  | 20415 | 1RB#0  | 22.39 | 9.56 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM  | 20415 | 1RB#8  | 22.28 | 9.45 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM  | 20415 | 1RB#14 | 22.35 | 9.52 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM  | 20415 | 15RB#0 | 21.21 | 8.38 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM  | 20525 | 1RB#0  | 22.39 | 9.56 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM  | 20525 | 1RB#8  | 22.3  | 9.47 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM  | 20525 | 1RB#14 | 22.3  | 9.47 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM  | 20525 | 15RB#0 | 21.23 | 8.4  | 38.45 | PASS |
| Band5 | 3MHz | 16QAM  | 20635 | 1RB#0  | 22.43 | 9.6  | 38.45 | PASS |
| Band5 | 3MHz | 16QAM  | 20635 | 1RB#8  | 22.24 | 9.41 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM  | 20635 | 1RB#14 | 22.39 | 9.56 | 38.45 | PASS |
| Band5 | 3MHz | 16QAM  | 20635 | 15RB#0 | 21.23 | 8.4  | 38.45 | PASS |
| Band5 | 3MHz | 64QAM  | 20415 | 1RB#0  | 21.35 | 8.52 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM  | 20415 | 1RB#8  | 21.16 | 8.33 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM  | 20415 | 1RB#14 | 21.42 | 8.59 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM  | 20415 | 15RB#0 | 20.23 | 7.4  | 38.45 | PASS |
| Band5 | 3MHz | 64QAM  | 20525 | 1RB#0  | 21.38 | 8.55 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM  | 20525 | 1RB#8  | 21.47 | 8.64 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM  | 20525 | 1RB#14 | 21.5  | 8.67 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM  | 20525 | 15RB#0 | 20.36 | 7.53 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM  | 20635 | 1RB#0  | 21.34 | 8.51 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM  | 20635 | 1RB#8  | 21.23 | 8.4  | 38.45 | PASS |
| Band5 | 3MHz | 64QAM  | 20635 | 1RB#14 | 21.47 | 8.64 | 38.45 | PASS |
| Band5 | 3MHz | 64QAM  | 20635 | 15RB#0 | 20.06 | 7.23 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20415 | 1RB#0  | 18.31 | 5.48 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20415 | 1RB#8  | 18.27 | 5.44 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20415 | 1RB#14 | 18.14 | 5.31 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20415 | 15RB#0 | 18.03 | 5.2  | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20525 | 1RB#0  | 18.33 | 5.5  | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20525 | 1RB#8  | 18.16 | 5.33 | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20525 | 1RB#14 | 18.34 | 5.51 | 38.45 | PASS |



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Rev.: 01

Page: 5 of 86

|       |      |        |       |        |       |       |       |      |
|-------|------|--------|-------|--------|-------|-------|-------|------|
| Band5 | 3MHz | 256QAM | 20525 | 15RB#0 | 18.22 | 5.39  | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20635 | 1RB#0  | 18.21 | 5.38  | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20635 | 1RB#8  | 18.19 | 5.36  | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20635 | 1RB#14 | 18.08 | 5.25  | 38.45 | PASS |
| Band5 | 3MHz | 256QAM | 20635 | 15RB#0 | 18.15 | 5.32  | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20425 | 1RB#0  | 23.25 | 10.42 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20425 | 1RB#12 | 23.3  | 10.47 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20425 | 1RB#24 | 23.37 | 10.54 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20425 | 25RB#0 | 22.34 | 9.51  | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20525 | 1RB#0  | 23.45 | 10.62 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20525 | 1RB#12 | 23.24 | 10.41 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20525 | 1RB#24 | 23.27 | 10.44 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20525 | 25RB#0 | 22.21 | 9.38  | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20625 | 1RB#0  | 23.33 | 10.5  | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20625 | 1RB#12 | 23.23 | 10.4  | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20625 | 1RB#24 | 23.29 | 10.46 | 38.45 | PASS |
| Band5 | 5MHz | QPSK   | 20625 | 25RB#0 | 22.07 | 9.24  | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20425 | 1RB#0  | 22.39 | 9.56  | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20425 | 1RB#12 | 22.43 | 9.6   | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20425 | 1RB#24 | 22.38 | 9.55  | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20425 | 25RB#0 | 21.19 | 8.36  | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20525 | 1RB#0  | 22.36 | 9.53  | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20525 | 1RB#12 | 22.52 | 9.69  | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20525 | 1RB#24 | 22.33 | 9.5   | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20525 | 25RB#0 | 21.16 | 8.33  | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20625 | 1RB#0  | 22.34 | 9.51  | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20625 | 1RB#12 | 22.22 | 9.39  | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20625 | 1RB#24 | 22.31 | 9.48  | 38.45 | PASS |
| Band5 | 5MHz | 16QAM  | 20625 | 25RB#0 | 21.1  | 8.27  | 38.45 | PASS |
| Band5 | 5MHz | 64QAM  | 20425 | 1RB#0  | 21.58 | 8.75  | 38.45 | PASS |
| Band5 | 5MHz | 64QAM  | 20425 | 1RB#12 | 21.3  | 8.47  | 38.45 | PASS |
| Band5 | 5MHz | 64QAM  | 20425 | 1RB#24 | 21.37 | 8.54  | 38.45 | PASS |



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Rev.: 01

Page: 6 of 86

|       |       |        |       |        |       |       |       |      |
|-------|-------|--------|-------|--------|-------|-------|-------|------|
| Band5 | 5MHz  | 64QAM  | 20425 | 25RB#0 | 20.18 | 7.35  | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM  | 20525 | 1RB#0  | 21.5  | 8.67  | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM  | 20525 | 1RB#12 | 21.46 | 8.63  | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM  | 20525 | 1RB#24 | 21.52 | 8.69  | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM  | 20525 | 25RB#0 | 20.09 | 7.26  | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM  | 20625 | 1RB#0  | 21.49 | 8.66  | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM  | 20625 | 1RB#12 | 21.51 | 8.68  | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM  | 20625 | 1RB#24 | 21.53 | 8.7   | 38.45 | PASS |
| Band5 | 5MHz  | 64QAM  | 20625 | 25RB#0 | 20.31 | 7.48  | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20425 | 1RB#0  | 18.34 | 5.51  | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20425 | 1RB#12 | 18.2  | 5.37  | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20425 | 1RB#24 | 18.21 | 5.38  | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20425 | 25RB#0 | 18.2  | 5.37  | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20525 | 1RB#0  | 18.39 | 5.56  | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20525 | 1RB#12 | 18.24 | 5.41  | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20525 | 1RB#24 | 18.36 | 5.53  | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20525 | 25RB#0 | 18.13 | 5.3   | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20625 | 1RB#0  | 18.29 | 5.46  | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20625 | 1RB#12 | 18.02 | 5.19  | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20625 | 1RB#24 | 18.31 | 5.48  | 38.45 | PASS |
| Band5 | 5MHz  | 256QAM | 20625 | 25RB#0 | 18.09 | 5.26  | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20450 | 1RB#0  | 23.31 | 10.48 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20450 | 1RB#24 | 23.26 | 10.43 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20450 | 1RB#49 | 23.2  | 10.37 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20450 | 50RB#0 | 22.32 | 9.49  | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20525 | 1RB#0  | 23.27 | 10.44 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20525 | 1RB#24 | 23.35 | 10.52 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20525 | 1RB#49 | 23.41 | 10.58 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20525 | 50RB#0 | 22.29 | 9.46  | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20600 | 1RB#0  | 23.26 | 10.43 | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20600 | 1RB#24 | 23.33 | 10.5  | 38.45 | PASS |
| Band5 | 10MHz | QPSK   | 20600 | 1RB#49 | 23.07 | 10.24 | 38.45 | PASS |



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Report No.: SEWM2311000473RG01

Rev.: 01

Page: 7 of 86

|       |       |        |       |        |       |      |       |      |
|-------|-------|--------|-------|--------|-------|------|-------|------|
| Band5 | 10MHz | QPSK   | 20600 | 50RB#0 | 22.29 | 9.46 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20450 | 1RB#0  | 22.34 | 9.51 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20450 | 1RB#24 | 22.27 | 9.44 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20450 | 1RB#49 | 22.26 | 9.43 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20450 | 50RB#0 | 21.17 | 8.34 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20525 | 1RB#0  | 22.44 | 9.61 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20525 | 1RB#24 | 22.42 | 9.59 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20525 | 1RB#49 | 22.49 | 9.66 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20525 | 50RB#0 | 21.14 | 8.31 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20600 | 1RB#0  | 22.44 | 9.61 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20600 | 1RB#24 | 22.38 | 9.55 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20600 | 1RB#49 | 22.22 | 9.39 | 38.45 | PASS |
| Band5 | 10MHz | 16QAM  | 20600 | 50RB#0 | 21.21 | 8.38 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20450 | 1RB#0  | 21.45 | 8.62 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20450 | 1RB#24 | 21.46 | 8.63 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20450 | 1RB#49 | 21.43 | 8.6  | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20450 | 50RB#0 | 20.16 | 7.33 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20525 | 1RB#0  | 21.45 | 8.62 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20525 | 1RB#24 | 21.49 | 8.66 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20525 | 1RB#49 | 21.39 | 8.56 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20525 | 50RB#0 | 20.31 | 7.48 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20600 | 1RB#0  | 21.37 | 8.54 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20600 | 1RB#24 | 21.31 | 8.48 | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20600 | 1RB#49 | 21.43 | 8.6  | 38.45 | PASS |
| Band5 | 10MHz | 64QAM  | 20600 | 50RB#0 | 20.12 | 7.29 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20450 | 1RB#0  | 18.42 | 5.59 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20450 | 1RB#24 | 18.28 | 5.45 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20450 | 1RB#49 | 18.41 | 5.58 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20450 | 50RB#0 | 18.32 | 5.49 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20525 | 1RB#0  | 18.31 | 5.48 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20525 | 1RB#24 | 18.3  | 5.47 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20525 | 1RB#49 | 18.46 | 5.63 | 38.45 | PASS |



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Report No.: SEWM2311000473RG01

Rev.: 01

Page: 8 of 86

|       |       |        |       |        |       |      |       |      |
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| Band5 | 10MHz | 256QAM | 20525 | 50RB#0 | 18.22 | 5.39 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20600 | 1RB#0  | 18.18 | 5.35 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20600 | 1RB#24 | 18.42 | 5.59 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20600 | 1RB#49 | 18.18 | 5.35 | 38.45 | PASS |
| Band5 | 10MHz | 256QAM | 20600 | 50RB#0 | 18.17 | 5.34 | 38.45 | PASS |



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Report No.: SEWM2311000473RG01

Rev.: 01

Page: 9 of 86

## Peak-to-Average Ratio(CCDF)

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 5.84       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 5.70       | 13        | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 5.56       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | 6.40       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 6.38       | 13        | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | 6.32       | 13        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20450   | 50RB#0           | 6.66       | 13        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20525   | 50RB#0           | 6.70       | 13        | PASS    |
| Band5 | 10MHz     | 64QAM      | 20600   | 50RB#0           | 6.56       | 13        | PASS    |
| Band5 | 10MHz     | 256QAM     | 20450   | 50RB#0           | 6.42       | 13        | PASS    |
| Band5 | 10MHz     | 256QAM     | 20525   | 50RB#0           | 6.44       | 13        | PASS    |
| Band5 | 10MHz     | 256QAM     | 20600   | 50RB#0           | 6.42       | 13        | PASS    |



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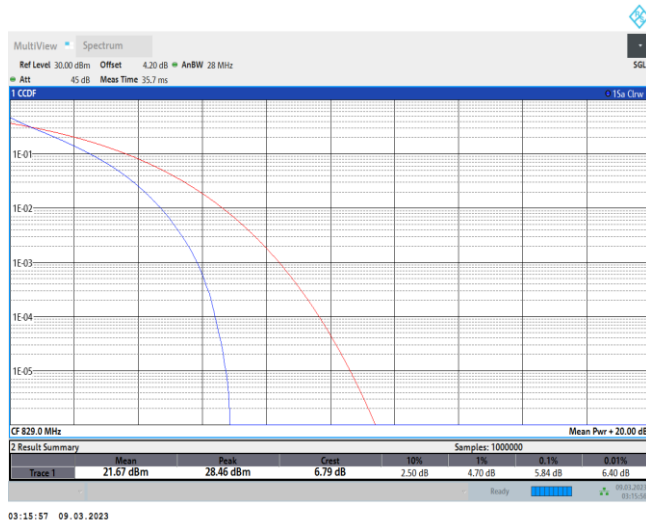
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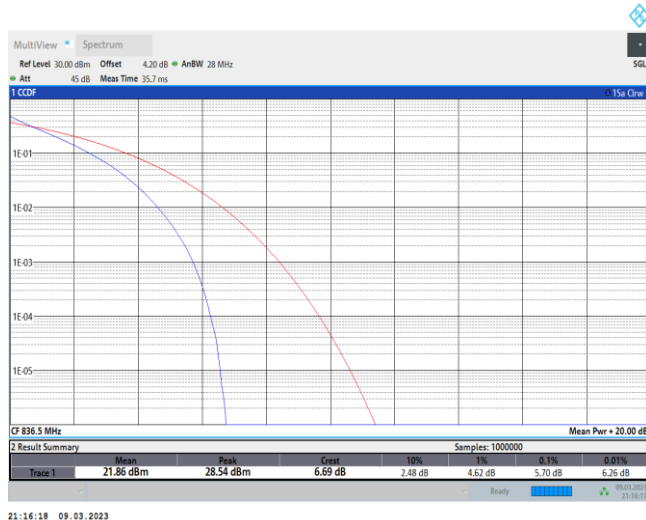
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Rev.: 01  
Page: 10 of 86

### Test Graphs

Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-50RB#0



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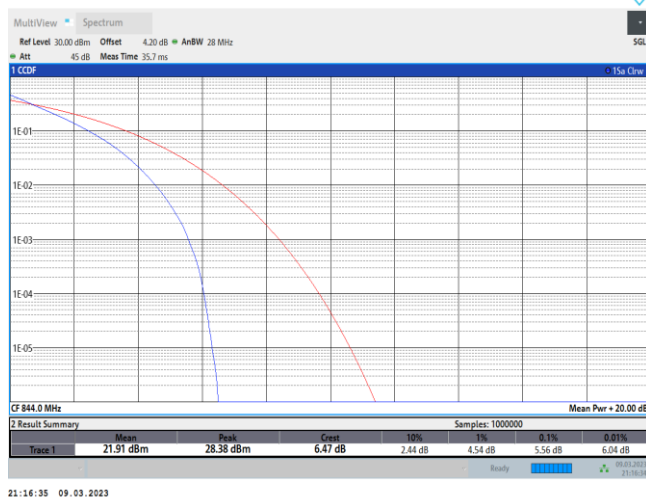
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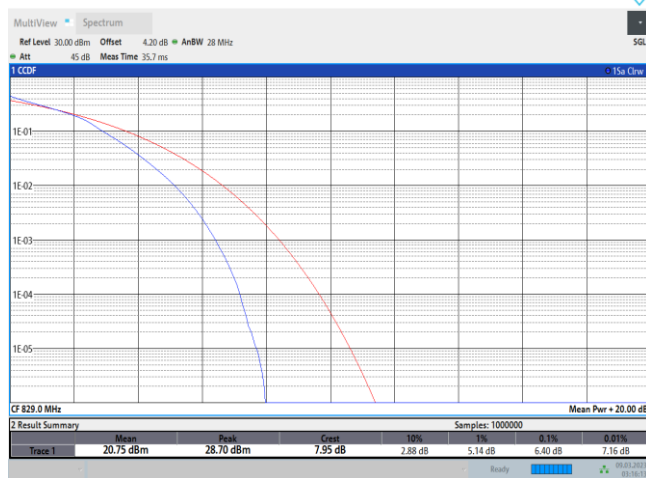
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 Rev.: 01  
 Page: 11 of 86

## Band5-10MHz-QPSK-20600-50RB#0



21:16:35 09.03.2023

## Band5-10MHz-16QAM-20450-50RB#0



03:16:13 09.03.2023



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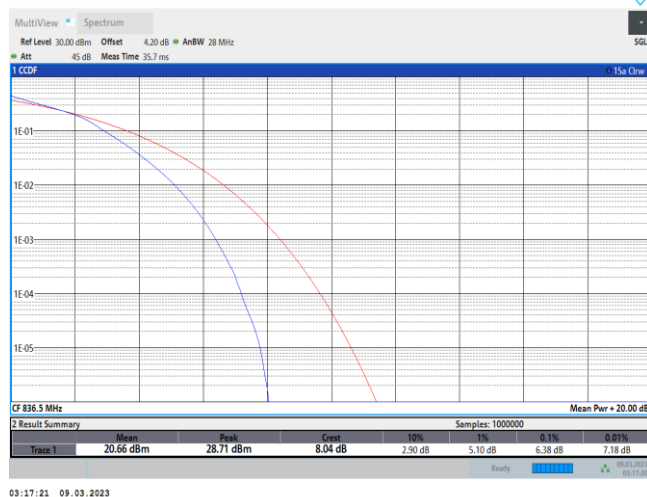
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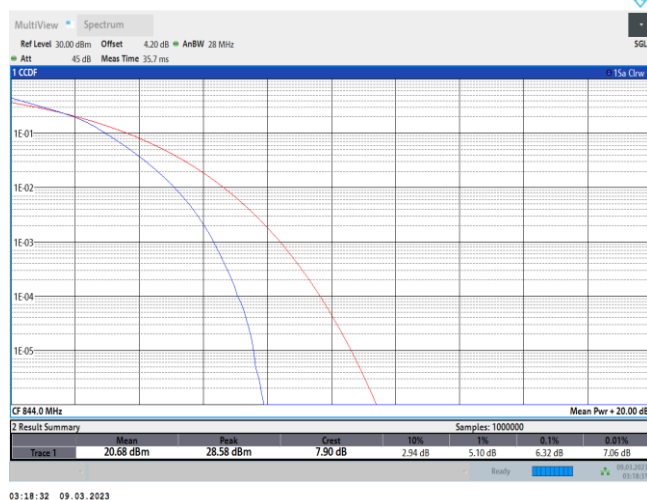
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Rev.: 01  
Page: 12 of 86

### Band5-10MHz-16QAM-20525-50RB#0



### Band5-10MHz-16QAM-20600-50RB#0



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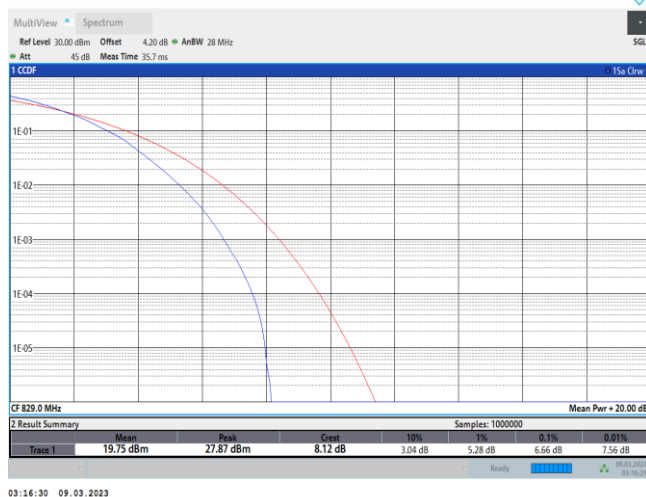
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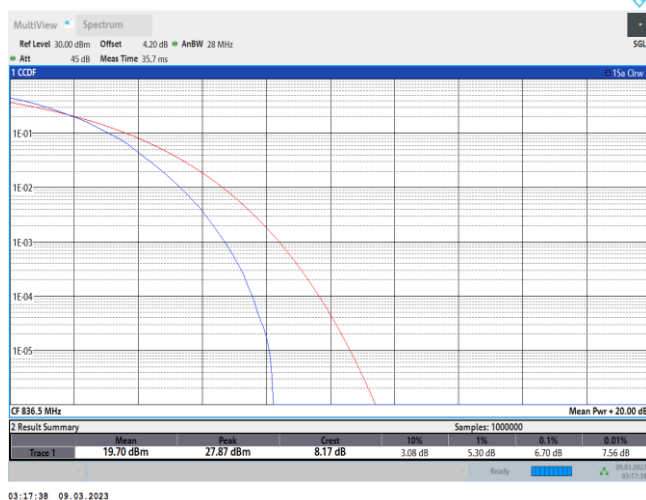
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Page: 13 of 86

### Band5-10MHz-64QAM-20450-50RB#0



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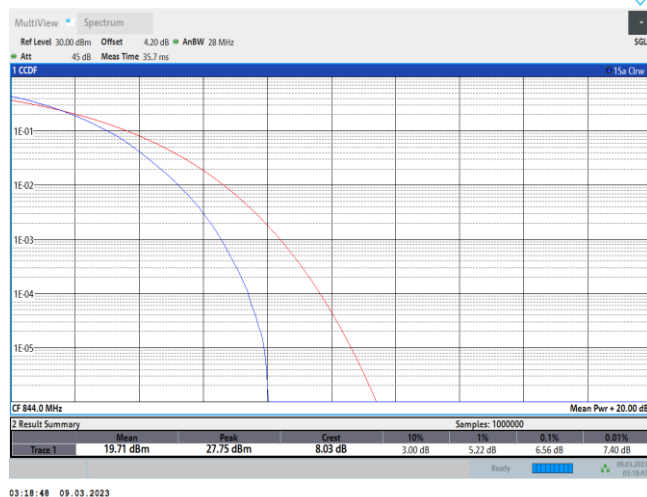
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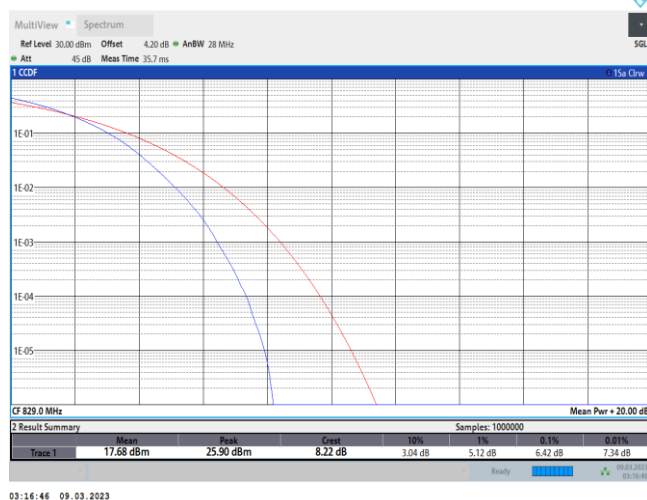
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Rev.: 01  
Page: 14 of 86

### Band5-10MHz-64QAM-20600-50RB#0



### Band5-10MHz-256QAM-20450-50RB#0



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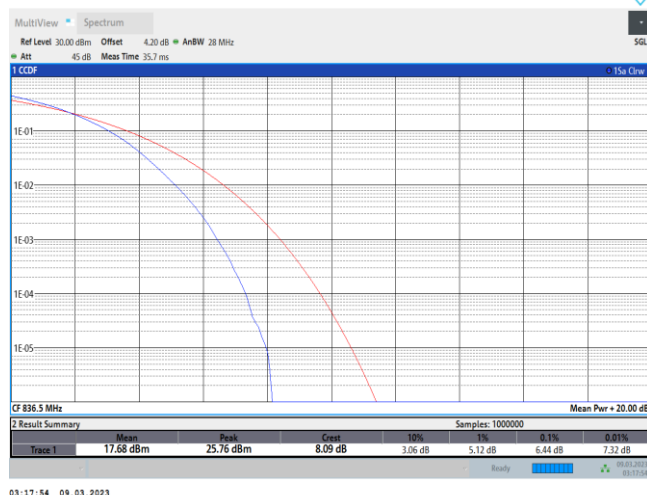
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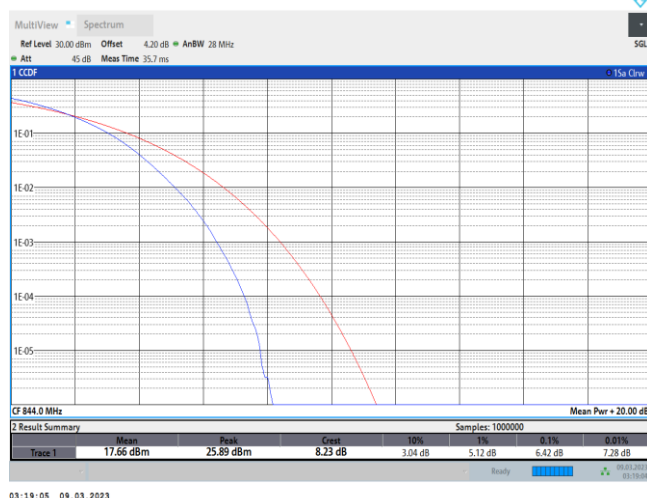
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Report No.: SEWM2311000473RG01  
Rev.: 01  
Page: 15 of 86

### Band5-10MHz-256QAM-20525-50RB#0



### Band5-10MHz-256QAM-20600-50RB#0



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Report No.: SEWM2311000473RG01

Rev.: 01

Page: 16 of 86

## 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 1.093                    | 1.28                 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.093                    | 1.28                 | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.093                    | 1.28                 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.102                    | 1.31                 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.093                    | 1.30                 | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.094                    | 1.30                 | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20407   | 6RB#0            | 1.095                    | 1.31                 | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20525   | 6RB#0            | 1.095                    | 1.31                 | PASS    |
| Band5 | 1.4MHz    | 64QAM      | 20643   | 6RB#0            | 1.095                    | 1.31                 | PASS    |
| Band5 | 1.4MHz    | 256QAM     | 20407   | 6RB#0            | 1.086                    | 1.29                 | PASS    |
| Band5 | 1.4MHz    | 256QAM     | 20525   | 6RB#0            | 1.086                    | 1.29                 | PASS    |
| Band5 | 1.4MHz    | 256QAM     | 20643   | 6RB#0            | 1.088                    | 1.29                 | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.696                    | 2.94                 | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.694                    | 2.95                 | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.696                    | 2.95                 | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.692                    | 2.93                 | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.692                    | 2.93                 | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.692                    | 2.94                 | PASS    |
| Band5 | 3MHz      | 64QAM      | 20415   | 15RB#0           | 2.689                    | 2.92                 | PASS    |
| Band5 | 3MHz      | 64QAM      | 20525   | 15RB#0           | 2.691                    | 2.92                 | PASS    |
| Band5 | 3MHz      | 64QAM      | 20635   | 15RB#0           | 2.69                     | 2.92                 | PASS    |
| Band5 | 3MHz      | 256QAM     | 20415   | 15RB#0           | 2.691                    | 2.94                 | PASS    |
| Band5 | 3MHz      | 256QAM     | 20525   | 15RB#0           | 2.691                    | 2.92                 | PASS    |
| Band5 | 3MHz      | 256QAM     | 20635   | 15RB#0           | 2.691                    | 2.93                 | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.462                    | 4.83                 | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.461                    | 4.86                 | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.462                    | 4.84                 | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.462                    | 4.84                 | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.464                    | 4.85                 | PASS    |



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Report No.: SEWM2311000473RG01

Rev.: 01

Page: 17 of 86

|       |       |        |       |        |       |      |      |
|-------|-------|--------|-------|--------|-------|------|------|
| Band5 | 5MHz  | 16QAM  | 20625 | 25RB#0 | 4.465 | 4.85 | PASS |
| Band5 | 5MHz  | 64QAM  | 20425 | 25RB#0 | 4.469 | 4.86 | PASS |
| Band5 | 5MHz  | 64QAM  | 20525 | 25RB#0 | 4.47  | 4.85 | PASS |
| Band5 | 5MHz  | 64QAM  | 20625 | 25RB#0 | 4.472 | 4.85 | PASS |
| Band5 | 5MHz  | 256QAM | 20425 | 25RB#0 | 4.464 | 4.81 | PASS |
| Band5 | 5MHz  | 256QAM | 20525 | 25RB#0 | 4.462 | 4.83 | PASS |
| Band5 | 5MHz  | 256QAM | 20625 | 25RB#0 | 4.464 | 4.85 | PASS |
| Band5 | 10MHz | QPSK   | 20450 | 50RB#0 | 8.933 | 9.66 | PASS |
| Band5 | 10MHz | QPSK   | 20525 | 50RB#0 | 8.941 | 9.56 | PASS |
| Band5 | 10MHz | QPSK   | 20600 | 50RB#0 | 8.942 | 9.62 | PASS |
| Band5 | 10MHz | 16QAM  | 20450 | 50RB#0 | 8.929 | 9.62 | PASS |
| Band5 | 10MHz | 16QAM  | 20525 | 50RB#0 | 8.91  | 9.68 | PASS |
| Band5 | 10MHz | 16QAM  | 20600 | 50RB#0 | 8.92  | 9.66 | PASS |
| Band5 | 10MHz | 64QAM  | 20450 | 50RB#0 | 8.939 | 9.62 | PASS |
| Band5 | 10MHz | 64QAM  | 20525 | 50RB#0 | 8.923 | 9.60 | PASS |
| Band5 | 10MHz | 64QAM  | 20600 | 50RB#0 | 8.94  | 9.60 | PASS |
| Band5 | 10MHz | 256QAM | 20450 | 50RB#0 | 8.939 | 9.62 | PASS |
| Band5 | 10MHz | 256QAM | 20525 | 50RB#0 | 8.919 | 9.54 | PASS |
| Band5 | 10MHz | 256QAM | 20600 | 50RB#0 | 8.938 | 9.64 | PASS |



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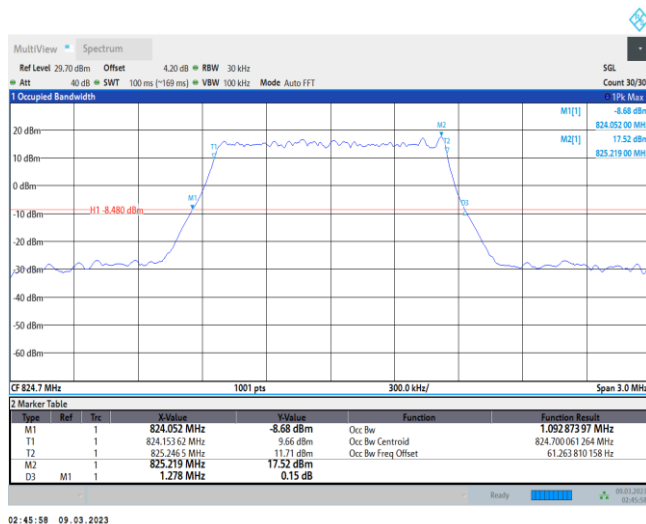
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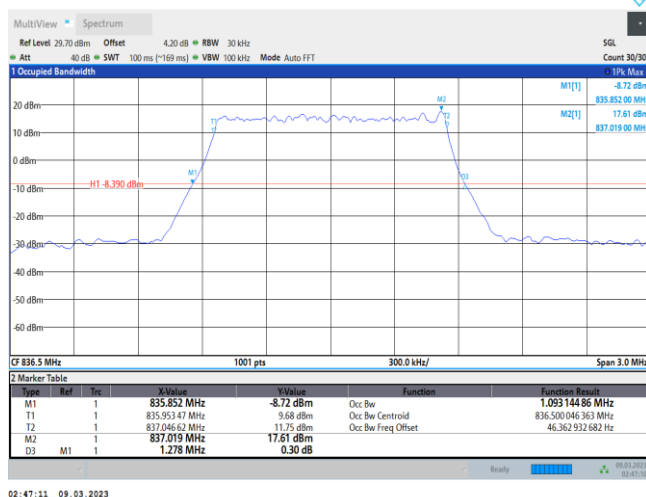
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Rev.: 01  
Page: 18 of 86

### Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20525-6RB#0



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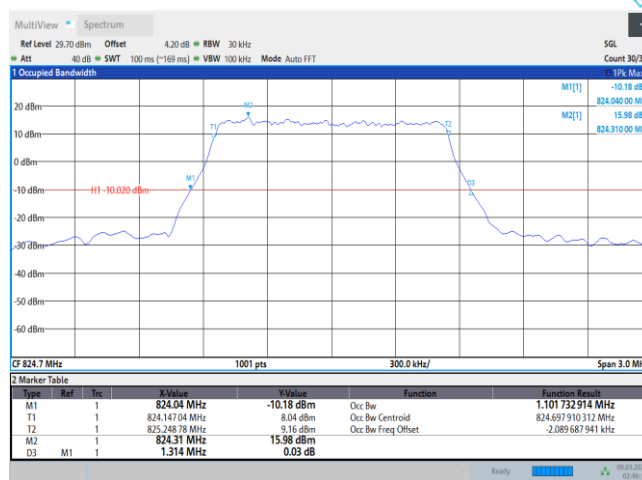
Page: 19 of 86

### Band5-1.4MHz-QPSK-20643-6RB#0



02:48:22 09.03.2023

### Band5-1.4MHz-16QAM-20407-6RB#0



02:46:15 09.03.2023



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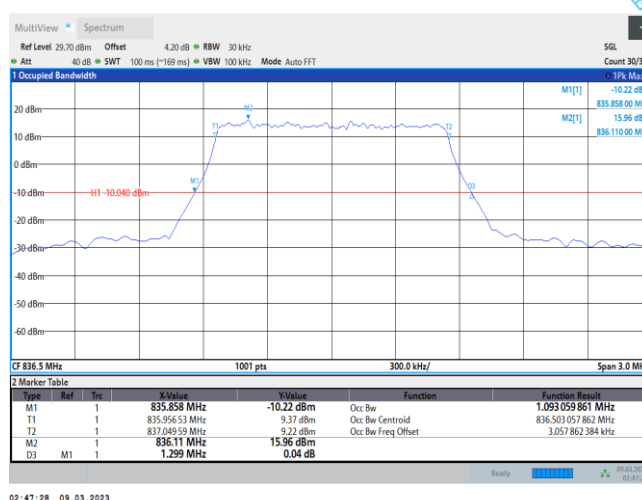
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02:47:28 09.03.2023

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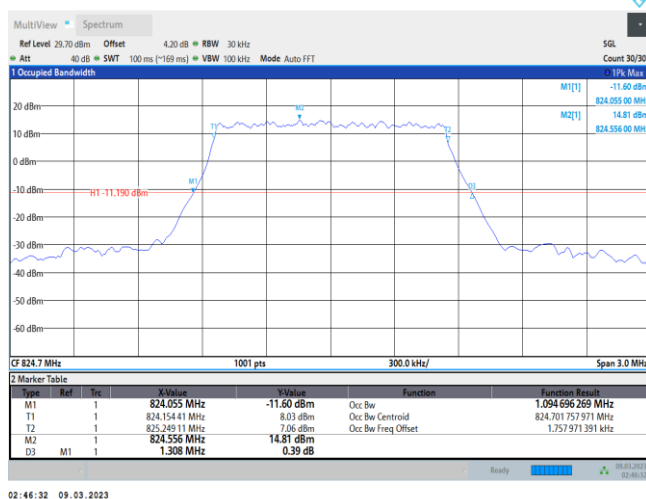
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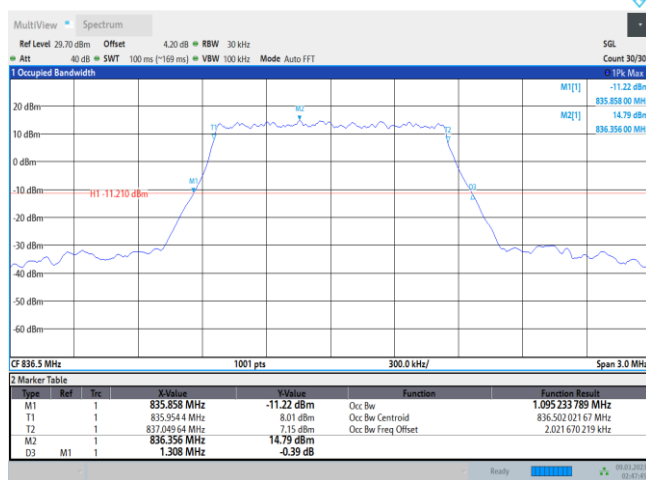
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### Band5-1.4MHz-64QAM-20525-6RB#0



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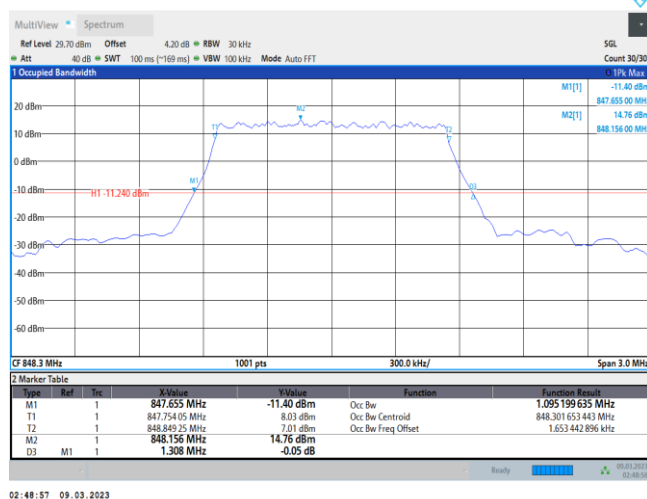
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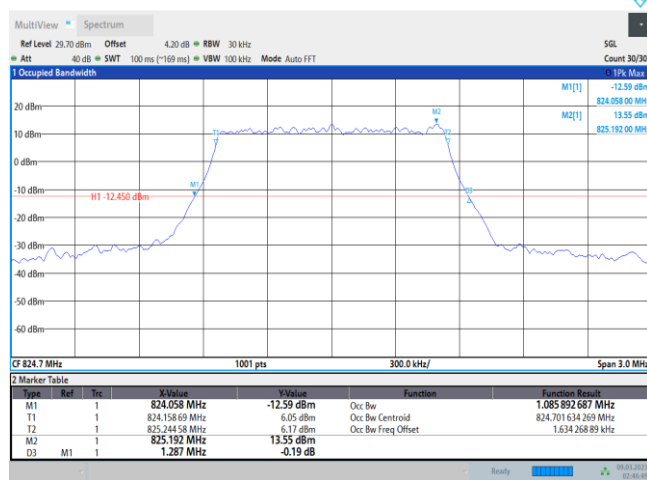
Page: 22 of 86

### Band5-1.4MHz-64QAM-20643-6RB#0



02:48:57 09.03.2023

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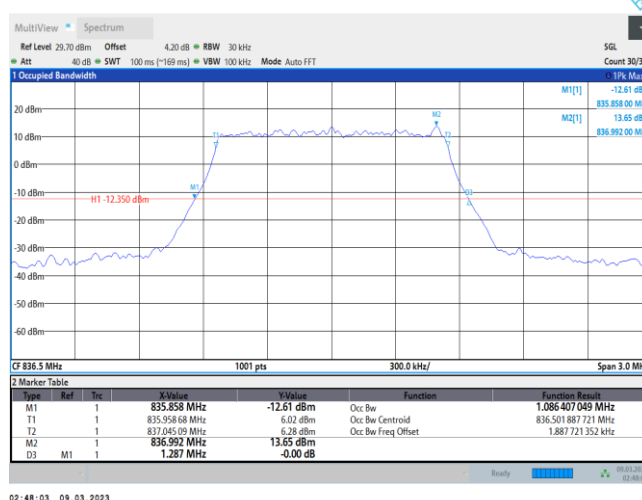
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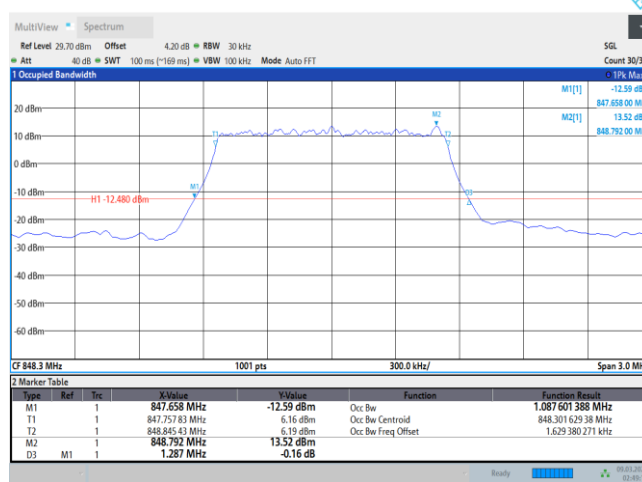
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02:48:03 09.03.2023

### Band5-1.4MHz-256QAM-20643-6RB#0



02:49:14 09.03.2023



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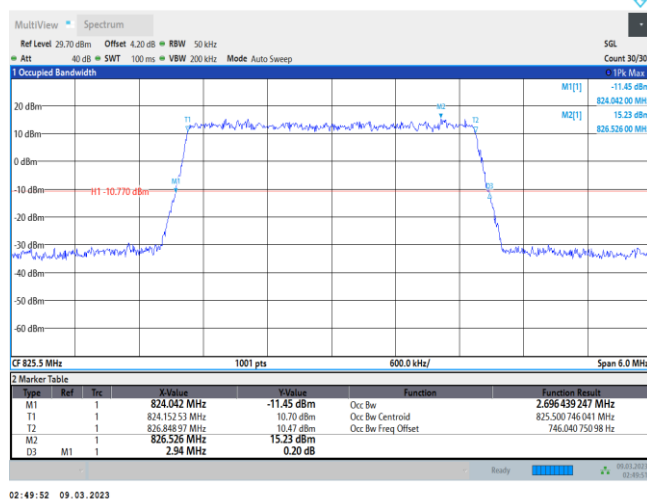
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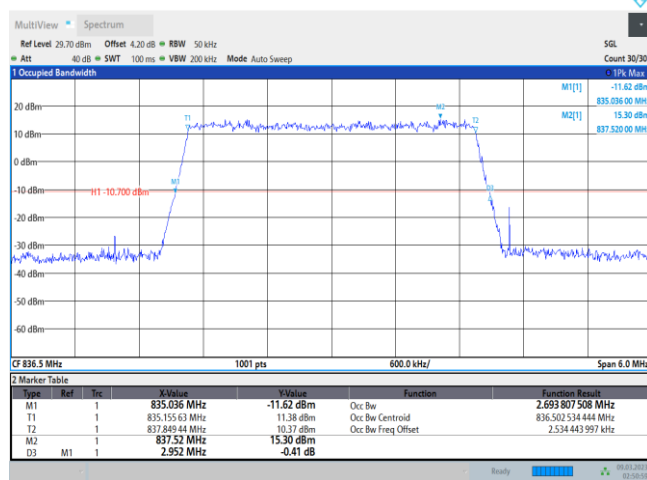
Page: 24 of 86

### Band5-3MHz-QPSK-20415-15RB#0



02:49:52 09.03.2023

### Band5-3MHz-QPSK-20525-15RB#0



02:50:59 09.03.2023



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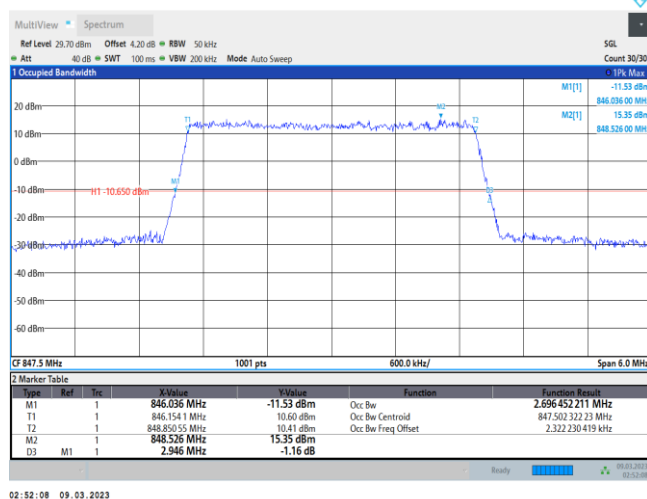
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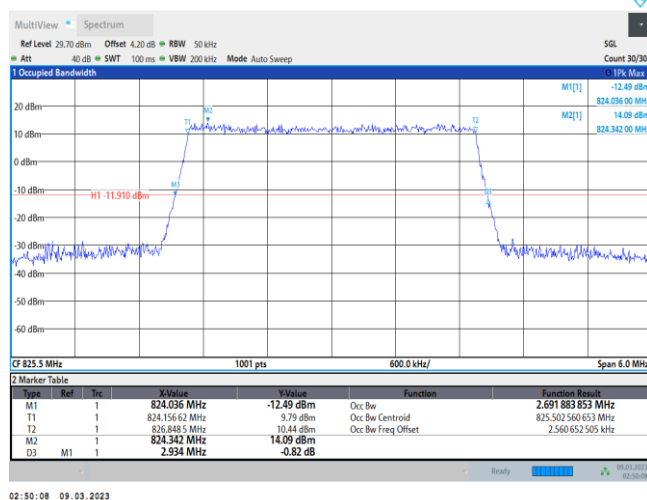
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Report No.: SEWM2311000473RG01  
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Page: 25 of 86

### Band5-3MHz-QPSK-20635-15RB#0



### Band5-3MHz-16QAM-20415-15RB#0



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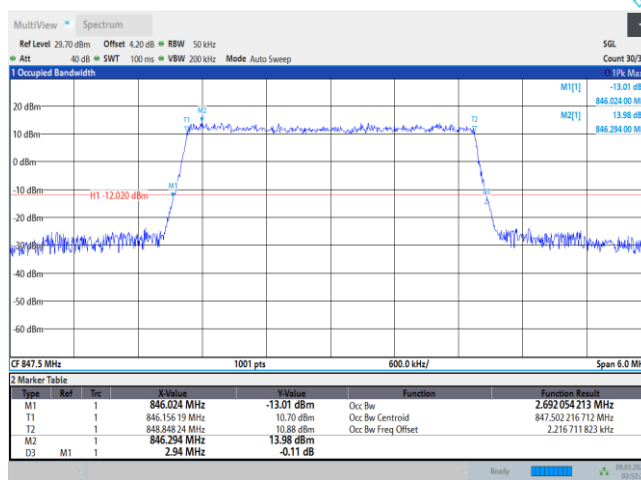
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 Page: 26 of 86

## Band5-3MHz-16QAM-20525-15RB#0



02:51:15 09.03.2023

## Band5-3MHz-16QAM-20635-15RB#0



02:52:25 09.03.2023



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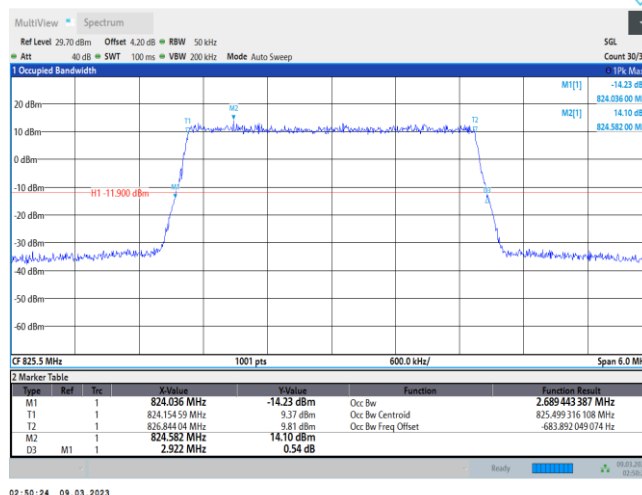
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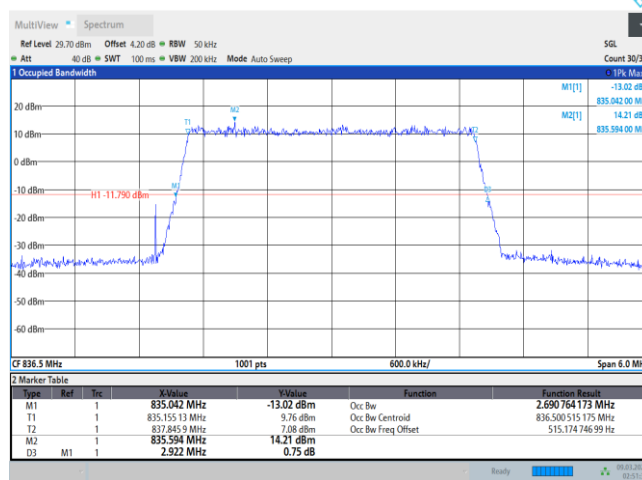
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### Band5-3MHz-64QAM-20415-15RB#0



02:50:24 09.03.2023

### Band5-3MHz-64QAM-20525-15RB#0



02:51:32 09.03.2023



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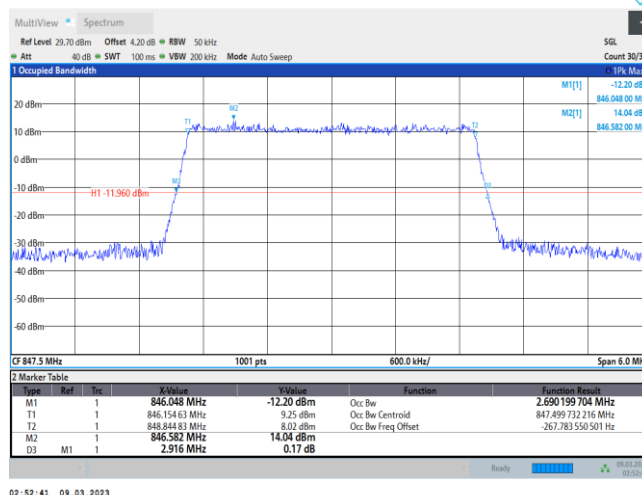
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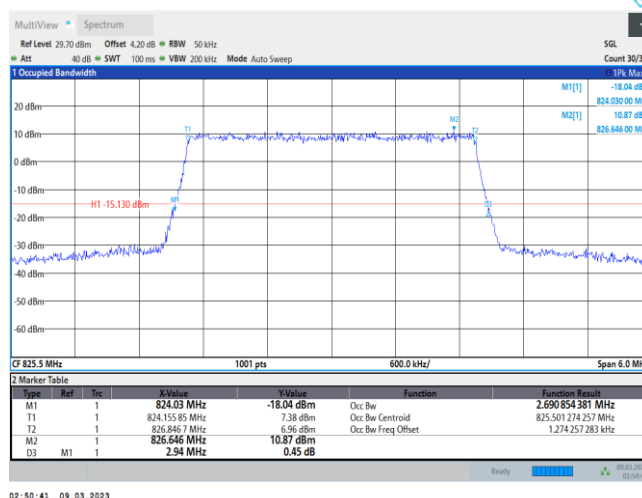
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Page: 28 of 86

### Band5-3MHz-64QAM-20635-15RB#0



### Band5-3MHz-256QAM-20415-15RB#0



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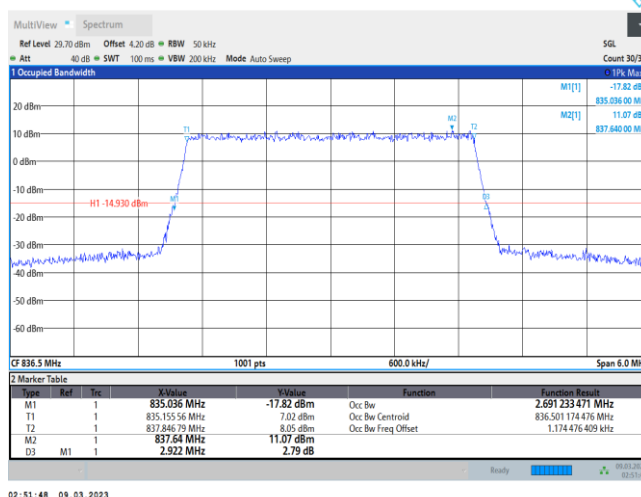
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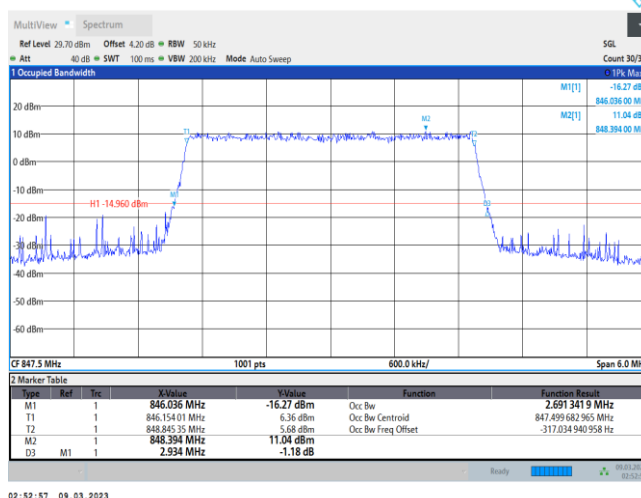
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### Band5-3MHz-256QAM-20525-15RB#0



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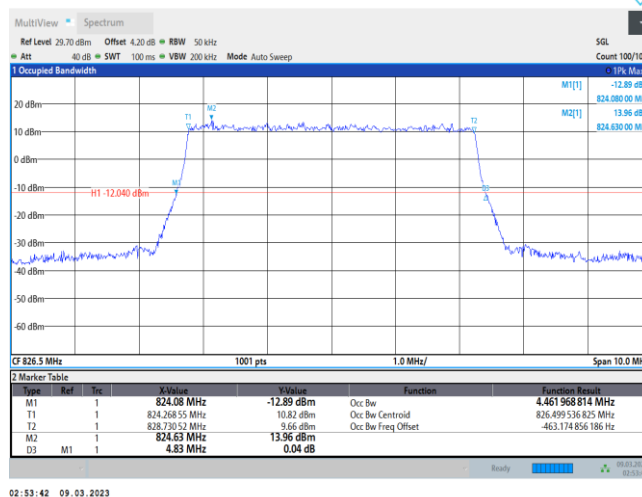
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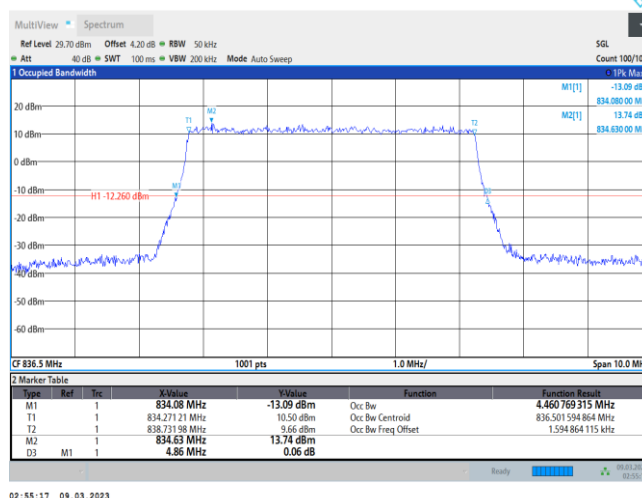
Page: 30 of 86

### Band5-5MHz-QPSK-20425-25RB#0



02:53:42 09.03.2023

### Band5-5MHz-QPSK-20525-25RB#0



02:55:17 09.03.2023



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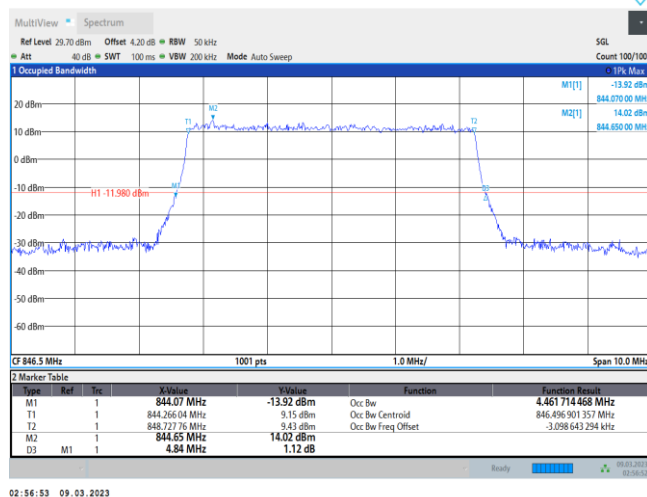
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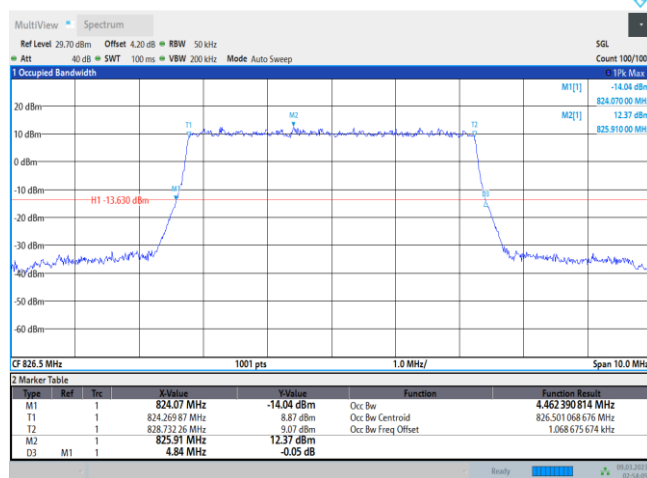
Page: 31 of 86

### Band5-5MHz-QPSK-20625-25RB#0



02:56:53 09.03.2023

### Band5-5MHz-16QAM-20425-25RB#0



02:54:05 09.03.2023



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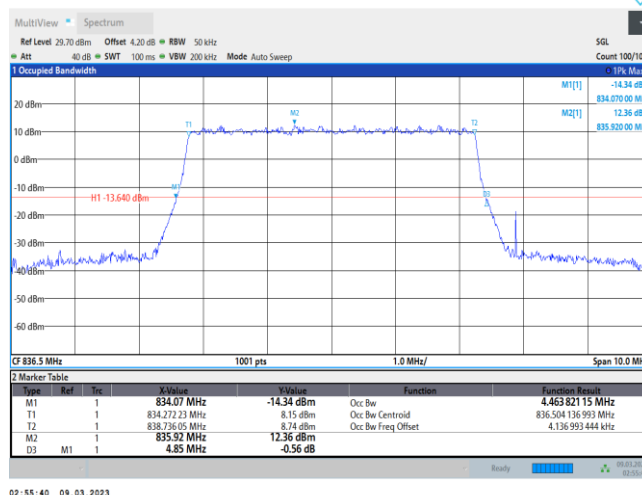
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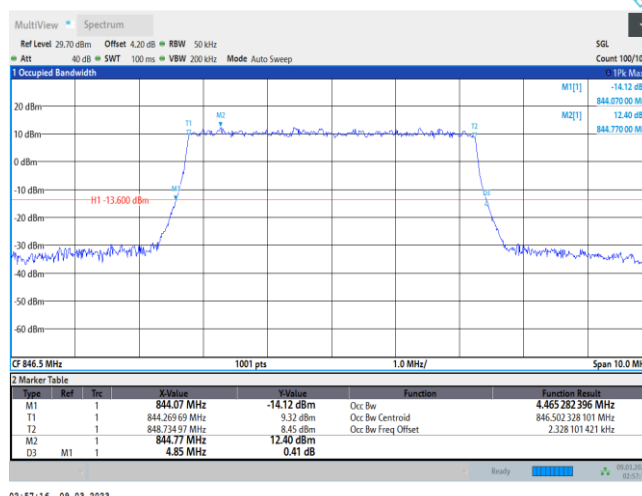
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### Band5-5MHz-16QAM-20525-25RB#0



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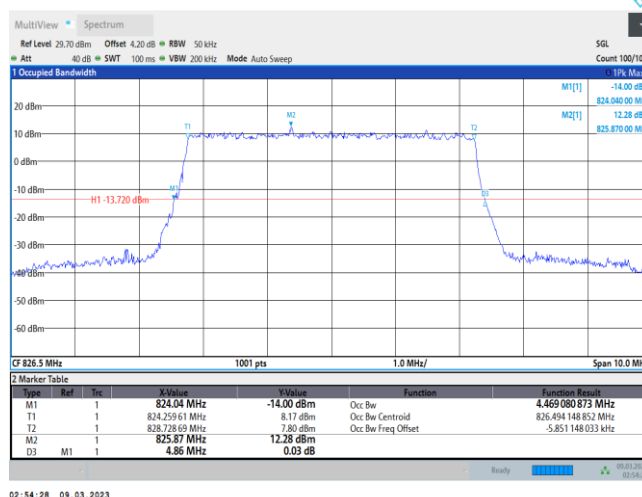
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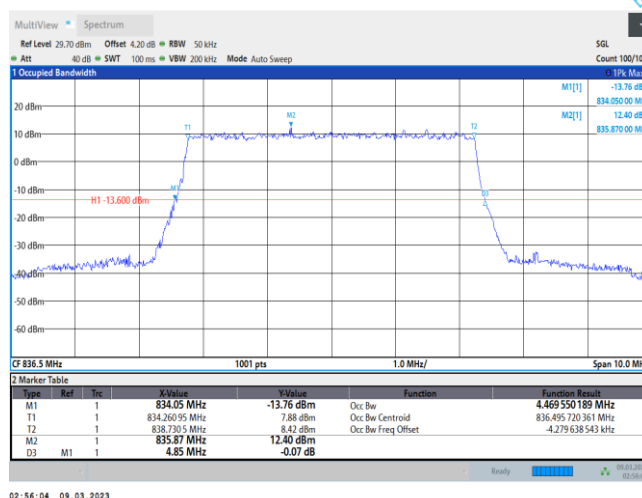
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Page: 33 of 86

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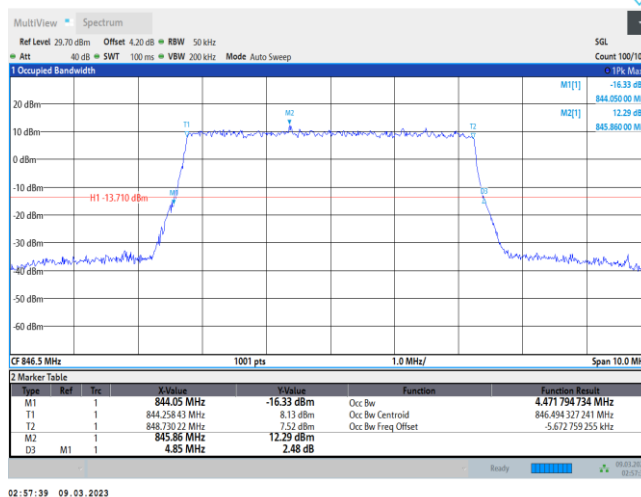
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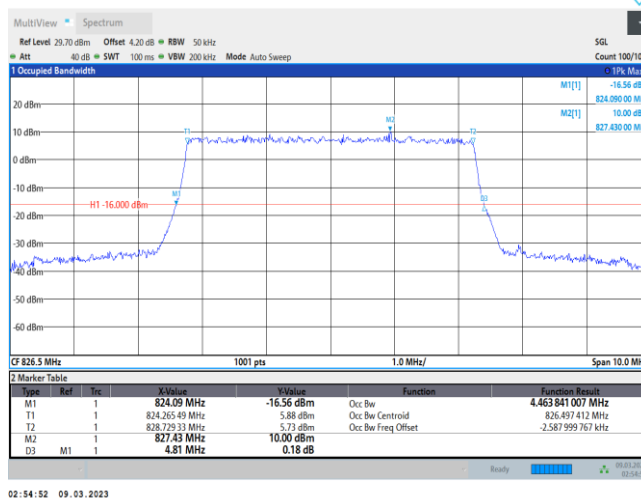
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Page: 34 of 86

### Band5-5MHz-64QAM-20625-25RB#0



### Band5-5MHz-256QAM-20425-25RB#0



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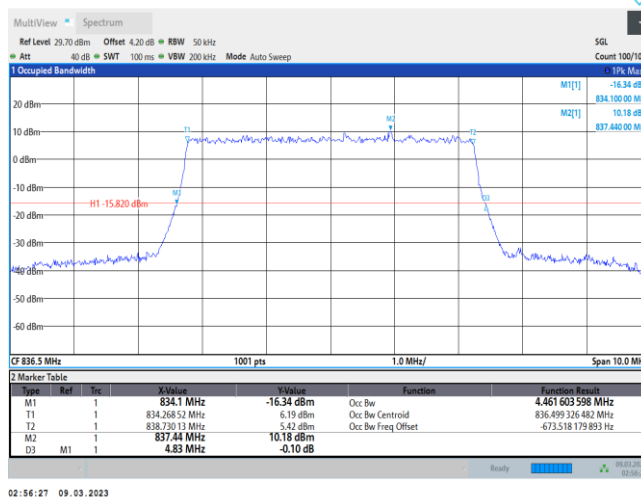
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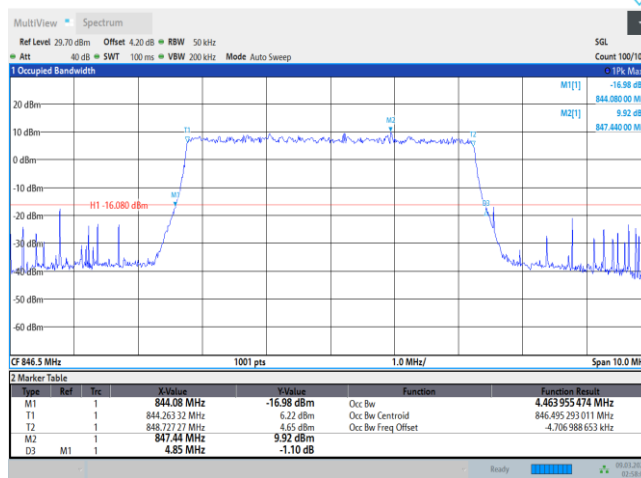
Page: 35 of 86

### Band5-5MHz-256QAM-20525-25RB#0



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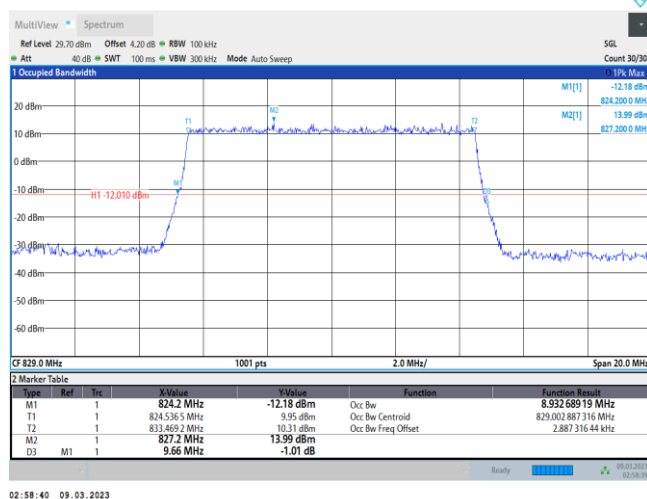
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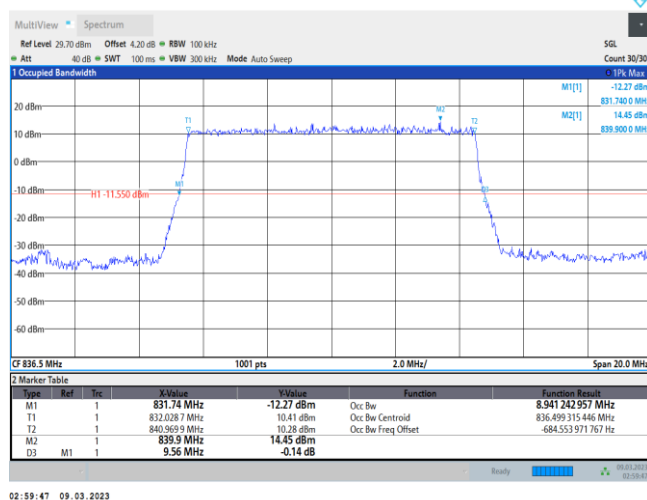
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Report No.: SEWM2311000473RG01  
Rev.: 01  
Page: 36 of 86

### Band5-10MHz-QPSK-20450-50RB#0



### Band5-10MHz-QPSK-20525-50RB#0



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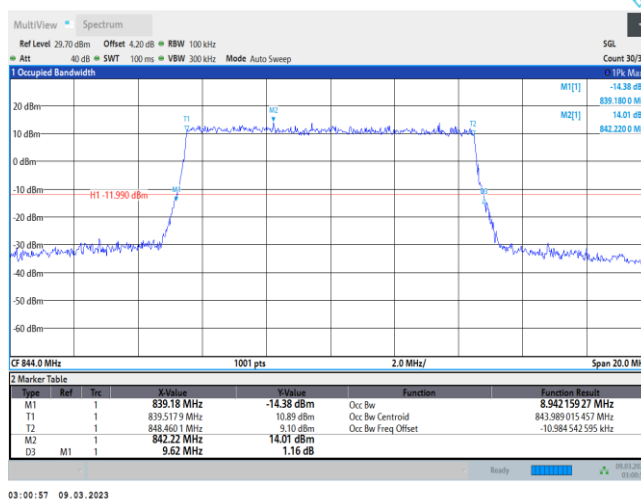
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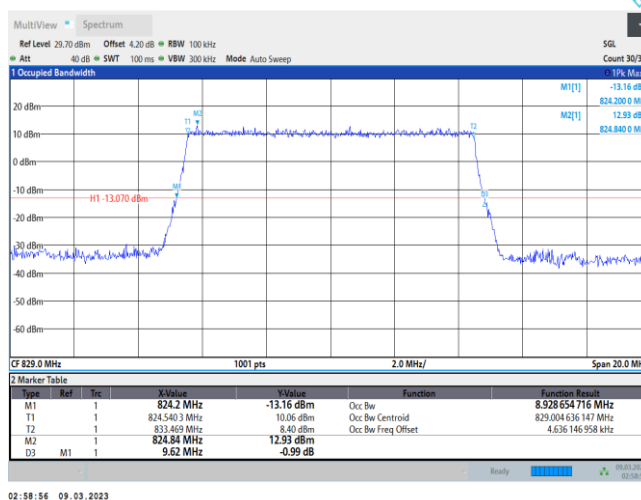
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Report No.: SEWM2311000473RG01  
Rev.: 01  
Page: 37 of 86

### Band5-10MHz-QPSK-20600-50RB#0



### Band5-10MHz-16QAM-20450-50RB#0



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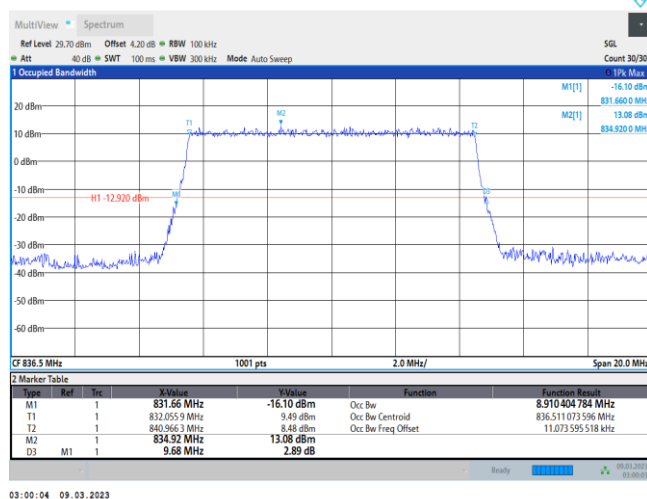
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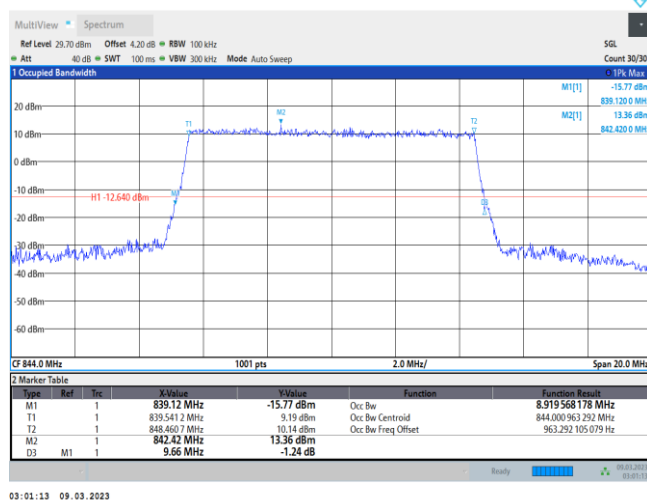
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Page: 38 of 86

### Band5-10MHz-16QAM-20525-50RB#0



### Band5-10MHz-16QAM-20600-50RB#0



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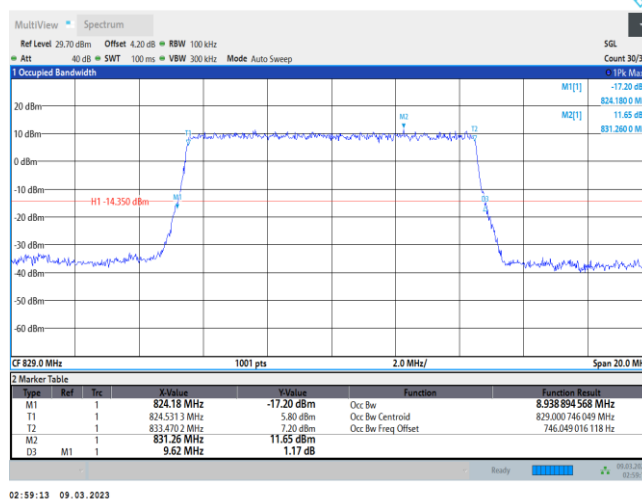
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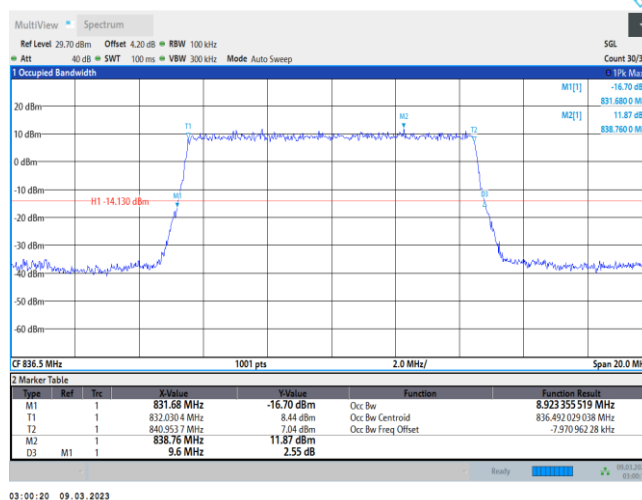
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Page: 39 of 86

### Band5-10MHz-64QAM-20450-50RB#0



### Band5-10MHz-64QAM-20525-50RB#0



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